

NAVSEA
STANDARD ITEM

FY-12

ITEM NO: 009-87
DATE: 30 JUL 2010
CATEGORY: I

1. SCOPE:

1.1 Title: Chlorination Procedures; accomplish

2. REFERENCES:

2.1 NAVMED P-5010-6, Manual of Naval Preventive Medicine, Chapter 6,
Water Supply Afloat

3. REQUIREMENTS:

3.1 Accomplish chlorination of each affected potable water system in
accordance with 2.1.

3.2 Accomplish a halogen (chlorine) residual test for each affected
potable water tank and system. Acceptable free available chlorine (FAC) shall
meet minimum levels specified in 2.1.

3.2.1 Submit one legible copy, in electronic media, of the chlorine
residual test to the SUPERVISOR not later than 24 hours after the completion
of the test, stating that minimum FAC level has been met in accordance with
2.1.

3.3 Secure and tag out each affected potable water system upon completion
of the chlorine residual test.

3.4 Accomplish a bacteriological test for each affected potable water
system.

3.4.1 Bacteriological testing must be accomplished at laboratories
certified by state regulatory agencies in states having primacy, or by the
Regional EPA Office in states not having primacy.

3.4.2 Submit one legible copy, in electronic media, of completed
report to the SUPERVISOR not later than 24 hours after the completion of the
test, with certification that the water is safe for human consumption.

3.5 Remove each tag upon completion of satisfactory bacteriological test
and release each potable water system for Ship's Force use.

4. NOTES:

4.1 Do not take calcium hypochlorite in dry powder form aboard ship.
Mixing is to be done ashore.

4.2 2.1 can be accessed at:

<http://navymedicine.med.navy.mil> (use link to Navy Medicine
Directives, Publications and Manuals)

or

<http://www-nehc.med.navy.mil/downloads/prevmed/NewP-5010-6.pdf>